

## EAST Search History

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| S1    | 1    | 10/518384   | US-PGPUB   | OR               | ON      | 2007/06/05 22:01 |
| S2    | 3    | ("5293511" "5895233" "5921461").<br>PN.   | US-PGPUB;<br>USPAT   | OR               | ON      | 2007/06/05 23:35 |
| S3    | 378  | (vacuum near \$5packag\$4) same<br>(semicondutor or sensor or<br>detector)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/06/05 21:43 |
| S4    | 9    | S3 and (((air or leak) near tight)<br>same (chamber or cavity))                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/06/05 22:25 |
| S5    | 0    | S4 and getter   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/06/04 13:19 |
| S6    | 70   | S3 and getter   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/06/04 13:19 |
| S7    | 513  | (vacuum near \$5packag\$4) same<br>(semiconductor or sensor or<br>detector or \$5bolometer) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/06/04 23:46 |
| S8    | 55   | S7 and (getter same (chamber or<br>cavity or recess or tube))                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/06/04 13:24 |

## EAST Search History

|     |        |   |  |    |    |                  |
|-----|--------|---|--|----|----|------------------|
| S9  | 2      | S8 and (((air or leak) near tight) or airtight or leaktight) same (chamber or cavity or recess or tube))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/04 13:22 |
| S10 | 16     | ("20020175284"   "5397897"   "5399897"   "5433639"   "5521123"   "5688699"   "5708269"   "5808350"   "5895233"   "5921461"   "6043982"   "6077046"   "6122919"   "6326611"   "6413800"   "6479320").PN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/06/04 13:24 |
| S11 | 0      | ("7084010").URPN.   | USPAT  | OR | ON | 2007/06/04 13:24 |
| S12 | 5      | S10 and (getter same (chamber or cavity or recess or tube))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/04 13:41 |
| S13 | 111154 | vacuum same (semiconductor or sensor or detector or \$5bolometer)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/04 23:46 |
| S14 | 335    | S13 and (getter same gas same (semiconductor or sensor or detector or \$5bolometer))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/04 23:47 |
| S15 | 47     | S14 and (getter with (outside or external))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/04 23:47 |
| S16 | 26     | S13 and (getter same gas same (semiconductor or sensor or detector or \$5bolometer) same (getter with (external or outside)))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/05 21:43 |
| S17 | 2      | ("2003/0132493").URPN.  | USPAT  | OR | ON | 2007/06/04 23:52 |

## EAST Search History

|     |      |   |  |    |     |                  |
|-----|------|---|--|----|-----|------------------|
| S18 | 0    | ("2006/0060785").URPN.  | USPAT  | OR | ON  | 2007/06/04 23:54 |
| S19 | 3913 | (257/99 or 257/433).ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/05 21:43 |
| S20 | 2    | S19 and ((vacuum near \$5packag\$4) same (semiconductor or sensor or detector))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/05 21:43 |
| S21 | 0    | S19 and (getter same gas same (semiconductor or sensor or detector or \$5bolometer) same (getter with (external or outside))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/05 21:44 |
| S22 | 3    | S19 and (getter same gas same (semiconductor or sensor or detector or \$5bolometer))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/05 21:53 |
| S23 | 2272 | 250/338.1.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/05 21:53 |
| S24 | 2    | S23 and (getter same gas same (semiconductor or sensor or detector or \$5bolometer))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/05 21:57 |
| S25 | 2    | ((("5317157") or ("4451735")).PN.   | USPAT  | OR | OFF | 2007/06/05 21:57 |
| S26 | 0    | "2002175284"  | US-PGPUB   | OR | ON  | 2007/06/05 22:01 |
| S27 | 8    | (michel near vilain).in.  | US-PGPUB   | OR | ON  | 2007/06/05 22:01 |

## EAST Search History

|     |    |   |  |    |    |                  |
|-----|----|---|--|----|----|------------------|
| S28 | 71 | (cooled same uncooled) with<br>((infrared or ir) near (detector or<br>sensor))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/05 22:26 |
| S29 | 35 | S28 and "250".clas.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/05 22:26 |
| S30 | 1  | S29 and getter  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/05 22:26 |
| S31 | 11 | (US-20030132493-\$ or<br>US-20050211900-\$ or<br>US-20020175284-\$).did. or<br>(US-6142742-\$ or US-5433639-\$ or<br>US-6326611-\$ or US-5921461-\$ or<br>US-5701008-\$ or US-5895233-\$ or<br>US-5293511-\$ or US-5317157-\$).<br>did. | US-PGPUB;<br>USPAT   | OR | ON | 2007/06/05 23:01 |
| S32 | 7  | S31 and ((titanium or molybdenum<br>or barium or tantalum or zirconium<br>or iron or vanadium) same getter)   | US-PGPUB;<br>USPAT   | OR | ON | 2007/06/05 23:22 |
| S33 | 7  | S31 and circuit   | US-PGPUB;<br>USPAT   | OR | ON | 2007/06/05 23:22 |
| S34 | 8  | ("20020190666" "20030156606" "20<br>040016884" "4160165" "4600876" "<br>4857722" "6163027" "6807202" "68<br>07202").PN.   | US-PGPUB;<br>USPAT   | OR | ON | 2007/06/05 23:35 |